

**MICHIGAN DEPARTMENT OF CIVIL SERVICE
JOB SPECIFICATION**

FORESTER

JOB DESCRIPTION

Employees in this job function as professional foresters completing a variety of assignments to protect, develop and maintain forestlands and their natural resources for environmental, economic and recreational purposes.

There are three classifications in this job.

Position Code Title – Forester-E

Forester 9

This is the entry level. As a trainee, the employee carries out a range of professional forester assignments while learning the methods of the work.

Forester 10

This is the intermediate level. The employee performs an expanding range of professional forester assignments in a developing capacity.

Forester P11

This is the experienced level. The employee performs a full range of professional forester assignments in a full functioning capacity. Considerable independent judgement is used to make decisions in carrying out assignments that have significant impact on services or programs. Guidelines may be available, but require adaptation or interpretation to determine appropriate courses of action.

NOTE: Employees generally progress through this series to the experienced level based on satisfactory performance and possession of the required experience.

JOB DUTIES

NOTE: The job duties listed are typical examples of the work performed by positions in this job classification. Not all duties assigned to every position are included, nor is it expected that all positions will be assigned every duty.

Compiles detailed technical data and other information for use in studies and the development of forest management plans.

Prepares timber and other value estimates for forest plots.

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Prepares maps by forest types, density, stocking, ground cover and soil; records forest conditions such as fire, history and similar facts.

Checks growth data on sample plots; investigates new areas for cutting.

Determines the location of state timber and planting sites in accordance with legal land descriptions.

Maps and examines factors affecting timber growth and defects, and makes volume estimates.

Scales forest products sold from state lands and inspects them for conformance with sale specifications.

Makes land examinations for purchase, disposal, exchange or other purposes.

Assists in forest fire suppression activities.

Carries out reforestation activities at selected sites.

Compiles data for measuring public need for, and benefits derived from, the use of state forest lands and activities.

Develops campsites and trails for public use.

Examines permit requests for oil, gas and mineral easements; makes recommendations.

Provides technical forestry assistance to landowners.

Participates at public meetings and has considerable contact with hunters, campers, loggers and the general public.

Maintains records and prepares reports and correspondence related to the work.

May perform related essential functions appropriate to the class and other non-essential functions as required.

JOB QUALIFICATIONS

Knowledge, Skills, and Abilities

NOTE: Some knowledge in the area listed is required at the entry level, developing knowledge is necessary at the intermediate level, and considerable knowledge is required at the experienced level.

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Knowledge of the principles, practices and problems of forestry management.

Knowledge of the principles and practices of forest conservation and reforestation.

Knowledge of trees and their environmental conditions in Michigan.

Knowledge of the methods of surveying, mapping and estimating forest lands.

Knowledge of timber cruise methods and timber appraisal.

Knowledge of forest pathology and entomology.

Knowledge of forest products utilization.

Ability to apply knowledge of forestry to forest management activities and techniques.

Ability to maintain records, and prepare reports and correspondence related to the work.

Ability to communicate effectively with others.

Ability to maintain favorable public relations.

Additional Knowledge, Skills, and Abilities

Forester P11

Ability to conduct technical forestry studies and prepare technical reports.

Working Conditions

Some jobs may require an employee to work on high structures.

Some jobs require an employee to work under extreme weather conditions and environmental conditions of work site.

Some jobs require an employee to be exposed to inclement weather conditions.

Some jobs require an employee to be exposed to hazardous work environments.

Some jobs require an employee to work outdoors as well as in an office.

Some jobs require an employee to work in an environment that involves exposure to fire, smoke, unpleasant and noxious fumes, and odors.

Physical Requirements

The job duties require an employee to reach, stoop, and bend for extended periods.

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The job duties require an employee to climb high structures and work at unusual heights (50' to 500').

The job duties require an employee to climb high structures.

The job duties require an employee to stand and walk for extended periods.

The job duties require an employee to lift and move heavy objects.

The job duties require an employee to traverse rough terrain.

Education

Possession of a bachelor's degree in forestry.

Experience

Forester 9

No specific amount or type is required.

Forester 10

One year of professional experience as a forester in the protection, development and maintenance of forest lands equivalent to a forester in state service.

Forester P11

Two years of professional experience as a forester in the protection, development and maintenance of forestlands equivalent to a forester in state service, including one year equivalent to a level Forester 10.

Special Requirements, Licenses, and Certifications

None.

NOTE: Equivalent combinations of education and experience that provide the required knowledge, skills, and abilities will be evaluated on an individual basis.

JOB CODE, POSITION TITLES AND CODES, AND COMPENSATION INFORMATION

Job Code

FORESTER

Job Code Description

Forester

Position Title

Forester-E

Position Code

FORSTRE

Pay Schedule

H21-001